

Please amend the specification as follows:

On page 7 replace Paragraphs [0034]-[0040] as follows:

[0001] ADS - Automated Deployment System. It is designed to provide 'zero-touch' provisioning of server hardware. Naturally, this can also provision virtual server hardware. See

[<http://www.microsoft.com/windowsserver2003/technologies/management/ads/default.aspx>] for details.

[0002] ATA – AT Attachment (for low cost disks).

[0003] CMP – Cellular Multi-Processing.

[0004] DMZ - De-Militarized Zone. This is a typical perimeter zone between the Internet and an intranet. See [<http://www.webopedia.com/TERM/D/DMZ.html>] for details.

[0005] DNS – Domain Name System (TCP mechanism for mapping host names to network addresses).

[0006] DSI - Dynamic Systems Initiative. For details, see [<http://www.microsoft.com/windowsserversystem/dsi/dsiwp.aspx>].

[0007] EFI - Extensible Firmware Interface. The EFI specification defines a new model for the interface between operating systems and platform firmware. For details, see [<http://www.intel.com/technology/efi> and <http://www.intel.com/technology/framework/>].

On page 8 replace Paragraphs [0050]-[0059] as follows:

[0008] PCI - Short for Peripheral Component Interconnect, a local bus standard developed by Intel Corporation. For details, see [<http://www.webopedia.com/TERM/P/PCI.html> and <http://www.pcisig.com/home>].

[0009] PDE – Page Directory Entry (provides physical page address of page table that contains an array of page table entries (PTE)).

[0010] RDMA - Remote Direct Memory Access. Interesting developments and relevant standards are described at [<http://www.rdmaconsortium.org/home>].

[0011] SAN – Storage Area Network.

[0012] SDM - System Definition Model. SDM is a model (of DSI) that is used to create definitions of distributed systems. ~~For details, see~~

~~[<http://www.microsoft.com/windowsserversystem/dsi/sdm.msp.x>.]~~

[0013] SSL – Secure Sockets Layer.

[0014] VCPU - Virtual CPU.

[0015] Virtual Data Center - a consolidation of virtual servers.

[0016] VPN – Virtual Private Network.

[0017] VT - Vanderpool Technology. A key Intel processor technology described briefly at recent Intel Developers Forums. ~~For details, see~~

~~[<http://www.intel.com/pressroom/archive/releases/20030916corp.htm> and~~

~~<http://www.xbitlabs.com/news/cpu/display/20030918034113.html>.]~~

On pp. 41-42 replace paragraph [0208] as follows:

[0018] Rather than the derivation based on the (PAE, x64) evolution of the page table hierarchy defined by the Intel IA32 and EM32T architecture, the ultravisor system of the invention uses a hierarchy of page sizes always based on powers of  $2^{10}$ . Figure 7 shows the first 4 scales of immediate interest to the ultravisor system. The higher scales accommodate continued Moore's law growth in system memory sizes. The Page Table and Page Entry columns propose a normalized nomenclature for referencing the page size hierarchy. The Intel nomenclature is included as a point of reference, although in PAE mode the scales are not an exact match. ~~A standard definition of "Prefixes for binary multiples" may be found at [<http://physics.nist.gov/cuu/Units/binary.html>] which was defined in December, 1998.~~ Throughout this specification, the standard SI prefixes refer to base-two definition  $\{(2^{10})^n\}$  rather than the decimal definition  $\{(10^3)^n\}$ .